

B1
11. The aluminum alloy of claim 8 further comprising a maximum of 0.2% by weight copper.

B2
21. A die-castable aluminum alloy comprising:
0.25-0.70% by weight magnesium
1.0 - 2.0% by weight manganese;
a maximum of 0.2% by weight iron;
6.5-7.5% by weight silicon;
a maximum of 0.2% by weight each of additional elements selected from the group consisting of zinc, copper and titanium;
the remainder being aluminum; and
said alloy characterized by reduced die soldering when used in die casting operations.

B3
28. A die-castable aluminum alloy comprising:
0.15-0.35% by weight magnesium
1.0 - 2.0% by weight manganese;
a maximum of 0.1% by weight iron;
4.2-5.0% by weight copper;
a maximum of 0.2% by weight each of additional elements selected from the group consisting of zinc, silicon, nickel, tin, and titanium;
the remainder being aluminum; and
said alloy characterized by reduced die soldering when used in die casting operations.